Lichvar, R.W., M. Butterwick, N.C. Melvin, and W.N. Kirchner. 2014. The National Wetland Plant List: 2014 update of wetland ratings. Phytoneuron 2014-41: 1–42. Published 2 April 2014. ISSN 2153 733X

THE NATIONAL WETLAND PLANT LIST: 2014 UPDATE OF WETLAND RATINGS

ROBERT W. LICHVAR
U.S. Army Engineer Research and Development Center
Cold Regions Research and Engineering Laboratory
72 Lyme Road
Hanover, New Hampshire 03755-1290

MARY BUTTERWICK
U.S. Environmental Protection Agency, Region IX
75 Hawthorne Street
San Francisco, California 94105

NORMAN C. MELVIN
USDA Natural Resources Conservation Service
Central National Technology Support Center
501 W. Felix St., Bldg. 23
Fort Worth, Texas 76115-3404

WILLIAM N. KIRCHNER
U.S. Fish and Wildlife Service, Region 1
911 NE 11th Ave
Portland, Oregon 97232

ABSTRACT

The U.S. Army Corps of Engineers (Corps) administers the National Wetland Plant List (NWPL) for the United States (U.S.) and its territories. Responsibility for the NWPL was transferred to the Corps from the U.S. Fish and Wildlife Service (FWS) in 2006. The list was updated in 2012, and the Corps led an interagency effort to revise the list again in 2013. As part of the authorization of the revised NWPL in 2012, new methods were adopted for annual updates to the scientific names, regional distribution, and wetland ratings. This paper presents the third update of the list under Corps administration. The 2012 list contained 7,828 species, and the 2013 update contained 7,937 species. As part of the BONAP (Biota North America Program) database used for the 2013 update, there were 754 reports of species of wetland plants with new range extensions within the 10 Corps wetland regions. Also, BONAP and other users requested that 124 other species be added to the NWPL, which increases the number of species to 8061. These 878 species were evaluated and rated by Regional Panels and by the National Panel representatives from four agencies. The inclusion of these species represent the 2014 update to the NWPL.

BACKGROUND

Since the Corps assumed administrative responsibilities for the NWPL in 2006, the list has gone through an extensive updating process that culminated in its authorization for national use in May 2012 (Federal Register 2012; Lichvar 2012). The development of the 2012 list was a cooperative effort between four federal government agencies: the Corps, the FWS, the U.S. Environmental Protection Agency (EPA), and the Natural Resources Conservation Service (NRCS). The effort was managed by a National Panel consisting of representatives from the four agencies. The 2012 NWPL is the standard reference for wetland indicator status ratings of vascular plants in the United States and territories, and is used for many purposes, including wetland delineation, assessment, mitigation, and habitat restoration. The NWPL is available to all users through a web application (http://wetland_plants.usace.army.mil/).

The 2012 update built on the legacy of the FWS's 1988 (Reed 1988), 1993 Region 9 (Northwest) Supplement (Reed, 1993), and draft 1996 wetland plant lists. It updated all taxonomic views and nomenclature in accordance with BONAP and revised wetland ratings (Lichvar and Minkin 2008). Additionally, the 2012 revision included several changes to the management of the NWPL, along with revised definitions of wetland categories, new Corps geographic wetland regions, protocols for challenging wetland ratings, and procedures for annual revisions.

As with previous versions of the wetland plant list, the 2012 NWPL and updates support wetland delineation efforts under Sec. 404 of the Clean Water Act and the Swampbuster provisions of the Farm Bill (as amended), and it is used in the National Wetland Inventory Program. To accomplish this more effectively, the Corps re-aligned the NWPL's geographic regions to correspond to those of federal wetland efforts, including the interagency wetland delineation manual and its regional wetland delineation supplements. The NWPL is now divided using the 10 regional Corps wetland delineation regions for the U.S. and its territories (Wakeley 2002) (Fig. 1). Included within four of these Corps regions are 17 subregions in which small numbers of wetland plants have wetland ratings that differ from the ratings for the same plants in the rest of the region.

Figure 1. Geographic regions for the 2012 NWPL, based on Corps regions.

The five wetland rating categories in the NWPL were developed in the 1980s by Reed (1988). Each plant species was assigned a rating representing the estimated probability, or frequency, with which it was thought to occur in wetlands, as opposed to non-wetlands, across its entire range. The 1988 ratings were divided into categories based on quantitative ranges of frequency, but the 2012 ratings were based on simpler qualitative definitions (Lichvar et al. 2012) (Table 1). Indicator status ratings are now assigned to each species based on a review of the botanical literature and herbarium records, along with the best professional judgment of national and regional experts. Longer quantitative rating definitions are still used, but only for field testing of wetland ratings.

Table 1. Short qualitative descriptions of the five wetland indicator status ratings used to determine if vegetation is hydrophytic during wetland delineations in the United States.

Indicator status	Designation	Qualitative Description
Obligate (OBL)	Hydrophyte	Almost always occur in wetlands
Facultative Wetland	Hydrophyte	Usually occur in wetlands, but may occur in non-
Facultative (FAC)	Hydrophyte	Occur in wetlands and non-wetlands
Facultative Upland	Nonhydrophyte	Usually occur in non-wetlands, but may occur in
Upland (UPL)	Nonhydrophyte	Almost never occur in wetlands

ANNUAL UPDATE PROCESS

As part of the 2012 NWPL update, representatives from each of the four Federal agencies responsible for the NWPL agreed on new protocols and procedures for managing the list. These procedures were described in the 2012 Federal Register announcement for updating the NWPL. Under the NWPL authorization, it is now possible to update and maintain the list annually so that the nomenclature and taxonomy do not become outdated and wetland ratings can be refined as new information becomes available. In particular, the annual NWPL updates will include additions or deletions to the list; modifications to wetland indicator statuses that were revised during the previous year; and updates of the nomenclature, taxonomy, and geographic distribution of species on the NWPL.

The annual update of the list has two steps. First, this and previous updates to the database for nomenclature, taxonomy, and U.S. state/Canadian province and U.S. county-level phytogeography have been made by Dr. John Kartesz of BONAP. Second, input from the public, as well as from federal and state agencies, is used to modify wetland ratings by processes of evaluation that are similar to those used during the 2012 update. These requests may include adding new species to the list.

The annual update is released in three parts: 1) the NWPL web site is updated to reflect any modifications from the previous year, 2) a series of downloadable files for the Corps regions and states is made available via the web site, providing local lists of wetland species and their wetland indicator ratings, and 3) the national list is published and subdivided by Corps regions. This publication represents the third component of the 2014 update.

THE 2014 NWPL UPDATE

The 2012 NWPL contained 7,828, and the 2013 NWPL contained 7,937 wetland plants for the United States and its territories. The 2014 NWPL has increased to 8,061 wetland plants, mainly because of newly suggested additions to the list and geographic range extension reports for species new to a Corps wetland region. The 2014 NWPL update is in the Appendix A.

The 2014 NWPL update list is based on the database we received from BONAP in 2013 and used in generating the 2013 NWPL update. Included in the 2013 BONAP database were 754 species with new geographic range extensions in Corps wetland regions and 123 species proposed for consideration to be added to the NWPL. We postponed evaluating these species until 2014. In addition, the National Panel (NP) requested that *Lonicera japonica* Thunb. occurring in the Atlantic and Gulf Coastal Plain be reevaluated by that Regional Panel (RP).

For the 2014 NWPL update, we evaluated and rated 878 species. The first step in the updating process was to see if any of these species occurred in other Corps regions. If they did and if they were rated in two or more regions with the same wetland rating, we assigned the same wetland rating to the species in the new geographic region. This group then was referred to as the "auto assigned" group. If a species had only one other rating or the ratings varied across the Corps regions, we moved it to the next step. There were 294 species in the auto assigned group. The remaining species were evaluated by a Regional Panel (RP) consisting of one representative from each of the four agencies within the Corps regions where the species occurs. The RP reviewed the literature, interviewed other professional botanists, and used their personal field observations to assign wetland ratings. The RPs, by consensus, assigned ratings to 450 species. Those species for which the RP did not reach consensus were then evaluated and rated by the NP. The NP assigned wetland ratings for 246 species. The culmination of these steps and assigned rating then represent the 2014 efforts to update the NWPL.

ACKNOWLEDGEMENTS

Many people, agencies and organizations are involved in maintaining and improving the accuracy of the NWPL, and they are all thanked for their support and input. The bulk of the effort and thanks goes to the National and Regional Panel members across the country who dedicate significant time and energy responding to requests to evaluate endless lists of wetland plants. Many people in the public sector have made valuable suggestions and input about wetland species. Underlying these efforts is the work of several key people, who are thanked: John Kartesz at BONAP, who keeps the database updated, and Misako Nishino, who maintains the BONAP database; Rick Bates, who manage to keep millions of data points in the right places; and Jennifer Gillrich and Lindsey Lefebvre, who make it all happen. We thank the Wetland Regulatory Assistance Program of the U.S. Army Corps of Engineers for funding these efforts.

REFERENCES

Federal Register. 2012. Publication of the Final National Wetland Plant List. Fed. Reg., Vol. 77, No. 90 / Wednesday, May 9, 2012.

Kartesz, J.T. 2012. Floristic Synthesis of North America, Version 1.0. Biota of North America Program (BONAP), Chapel Hill, North Carolina.

Lichvar, R.W., and P. Minkin. 2008. Concepts and Procedures for Updating the National Wetland Plant List. ERDC/CRREL TN-08-03. U.S. Army Engineer Research and Development Center, Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire. <http://libweb.erdc.usace.army.mil/Archimages/2295.PDF>

Lichvar, R.W. 2012. The National Wetland Plant List. ERDC/CRREL TR-12-11. U.S. Army Engineer Research and Development Center, Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire.

Lichvar, R.W., N.C. Melvin, M.L. Butterwick, and W.N. Kirchner. 2012. National Wetland Plant List Indicator Rating Definitions. ERDC/CRREL TR-12-1. U.S. Army Engineer Research and Development Center, Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire.

Reed, P.B., Jr. 1988. National List of Plant Species that Occur in Wetlands. U.S. Fish and Wildlife Service, Washington, DC.

Reed, P.B., Jr. and Dennis Peters. 1993. Supplement to list of plant species that occur in wetlands: Northwest (Region 9), U.S. Fish and Wildlife Service, Washington, DC..

Wakeley, J.S. 2002. Developing a "Regionalized" Version of the Corps of Engineers Wetlands Delineation Manual: Issues and Recommendations. ERDC/EL TR-02-20. U.S. Army Engineer Research and Development Center, Environmental Laboratory, Vicksburg, Mississippi.

Appendix A. Species evaluated for inclusion in the 2014 NWPL. In the ratings, 2 indicates the auto-assigned group, 3 indicates species evaluated by a Regional Panel, and 4 indicates species evaluated by the National Panel.

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Abies procera			3-FACU										Noble Fir
Acalypha poiretii					3-FACU				3-FACU				Poiret's Copperleaf
Acer glabrum								3-FAC					Rocky Mountain Maple
Achillea ptarmica		3-FACU	4-FACU		3-FACU	3-FACU		3-FACU		3-FACU	4-FACU		Pearl Yarrow
Achyranthes aspera					3-UPL								Devil's-Horsewhip
Aconitum uncinatum		3-FAC						3-FAC	3-FAC				Southern Blue Monkshood
Actaea podocarpa								4-FAC					Mountain Bugbane
Aegilops tauschii									3-UPL				Tausch's Goat Grass
Aeschynomene americana					2-FAC								Shyleaf
Agalinis calycina										2-OBL			Leoncita False Foxglove
Agalinis flexicaulis	New	3-FACW											Hampton False Foxglove
Agalinis skinneriana		4-FACU			3-FACU	3-FACU		4-FACU					Skinner's False Foxglove
Ageratina altissima										3-FACU			White Snakeroot
Ageratum conyzoides			4-FACU		3-FACU								Tropical Whiteweed
Ageratum houstonianum			2-FACU		2-FACU	2-FACU							Bluemink
Agoseris X montana			2-UPL										[*aurantiaca X glauca*]
Agrimonia parviflora			4-FAC							3-FACW			Harvestlice
Agrostis castellana		2-UPL			2-UPL								Dryland Bent
Agrostis lacuna-vernalis	New		4-FACW										unknown
Aletris farinosa			2-FAC			2-FAC							White Colicroot
Alhagi maurorum		2-FAC			2-FAC								Camelthorn
Alisma plantago-aquatica									2-OBL				European Water-Plantain
Allium bisceptrum						3-FACU							Aspen Onion

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Alnus glutinosa						2-FACW							European Alder
Alocasia macrorrhizos			3-FACW			3-FACW							Giant Taro
Alternanthera ficoidea		2-FACU				2-FACU							Sanguinaria
Amaranthus acanthochiton		2-FACU											Greenstripe
Amaranthus californicus								2-FACW					California Amaranth
Amaranthus crassipes									3-FAC				Spreading Amaranth
Amaranthus obcordatus										2-FACU			Trans-Pecos Amaranth
Amaranthus spinosus										2-FACU			Spiny Amaranth
Ambrosia artemisiifolia											4-FACU		Annual Ragweed
Ambrosia trifida											2-FAC		Great Ragweed
Amelanchier arborea			4-FACU										Downy Service-Berry
Amorpha confusa	New	4-FACU											Carolina Indigo-Bush
Ampelaster carolinianus					3-FACW								Climbing-Aster
Ampelopsis arborea			4-FACU							3-FAC			Peppervine
Ampelopsis cordata			2-FAC										Heart-Leaf Peppervine
Amphicarpaea bracteata			3-FACW										American Hog-Peanut
Amphitecna latifolia				4-FAC									Black-Calabash
Anaphalis margaritacea		4-UPL	3-FACU		3-UPL	3-FACU		3-FACU	3-FACU		3-UPL		Pearly-Everlasting
Andropogon bicornis							2-FAC						Barbas-de-Indio
Andropogon glaucopsis					3-FACW								Coastal Bluestem
Andropogon hirsutior	New	3-FACW			4-FACW	4-FACW			3-FACW				unknown
Angelica triquinata		2-UPL											Filmy Angelica

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Anthenantia rufa						4-FACU							Purple Silkyscale
Anthoxanthum hirtum		3-FACW	3-FACW			3-FACW		3-FACW	3-FACW	3-FACW	3-FACW		Northern Sweet Vernal Grass
Antigonon leptopus					4-FACU								Queen's-Jewels
Aplectrum hyemale			2-FAC							2-FAC			Adam-and-Eve
Arabis alpina										2-FAC			Alpine Eared Rockcress
Arabis eschscholtziana						2-FACU			2-FACU				Pacific-Coast Eared Rockcress
Aristida beyrichiana					4-UPL								Beyrich's Three-Awn
Aristida spiciformis						4-FAC							Bottlebrush Three-Awn
Arivela viscosa									3-FACU				Tickweed
Aronia melanocarpa										3-FACW			Black Chokeberry
Artemisia campestris	New	3-UPL	4-UPL		3-UPL	3-UPL		4-UPL	4-UPL	3-FACU	3-UPL		Pacific Wormwood
Artemisia tilesii						2-FACU							Tilesius' Wormwood
Asclepias speciosa		2-FAC											Showy Milkweed
Asclepias subverticillata		4-FACU											Horsetail Milkweed
Asclepias viridula					3-FACW								Southern Milkweed
Astragalus diphysus	New	3-UPL	3-UPL			4-UPL				3-FACU			Speckle-Pod Milk-Vetch
Athyrium angustum			2-FAC										Northern Lady Fern
Atriplex alaskensis										4-FACU			Alaska Orache
Atriplex glabriuscula						2-FACU							Scotland Orache
Atriplex hortensis		3-FAC											Garden Orache
Atriplex mucronata			4-FACU										Crested Saltbush
Atriplex stipitata	New		3-UPL										Mallee Saltbush
Axonopus compressus										3-FAC			Broad-Leaf Carpet Grass
Azolla cristata									2-OBL				Crested Mosquito Fern
Azolla pinnata					3-OBL								Asian Mosquito Fern
Baccharis glomeruliflora					4-FAC								Silverling

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Baccharis neglecta					2-FAC			2-FAC					Roosevelt-Weed
Bacopa innominata					2-OBL								Tropical Water-Hyssop
Bambusa bambos	New	3-FACU			3-FACU								Giant Thorny Bamboo
Bambusa vulgaris					3-FACU								Feathery Bamboo
Baptisia australis		3-FACU				4-UPL		3-FACU	3-FACU				Blue Wild Indigo
Barbarea vulgaris											3-FACU		Garden Yellow-Rocket
Barkleyanthus salicifolius		2-FAC				2-FAC							Barkley's-Ragwort
Bassia hirsuta								2-OBL					Hairy Smotherweed
Betula murrayana								3-FACW					Murray's Birch
Betula pendula		2-FACU	2-FACU		2-FACU	2-FACU		2-FACU					European Weeping Birch
Betula X sandbergii			2-OBL							2-OBL			[*papyrifera* X *pumila*]
Bidens aristosa										2-FACW			Bearded Beggarticks
Bidens eatonii		3-FACW			4-FACW								Eaton's Beggarticks
Bidens laevis								2-OBL					Smooth Beggarticks
Bidens mitis								2-OBL					Small-Fruit Beggarticks
Bidens tenuisecta		3-FACW			3-FACW								Slim-Lobe Beggarticks
Boechera collinsii											3-UPL		unknown
Borrichia frutescens					3-OBL								Bushy Seaside-Tansy
Bothriochloa barbinodis								4-UPL					Cane Beard Grass
Botrychium lunaria		3-FAC			4-FAC								Common Moonwort
Botrychium pinnatum						4-UPL							Northeastern Moonwort
Brachyelytrum erectum		4-FACU		4-FACU		4-FACU		3-FACU	3-FACU				Bearded Shorthusk
Braya glabella						4-FACU							Smooth Northern-Rockcress
Braya humilis						4-FACU							Alpine Northern-Rockcress
Bromus madritensis					3-UPL								Compact Brome

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Brugmansia versicolor	New	4-UPL			3-FACU								Arborescent Angel's-Tears
Bulbostylis funckii						2-FACW							Funck's Hair Sedge
Bulbostylis juncoides										2-FACW			Rush Hair Sedge
Bulbostylis stenophylla					3-FACU								Sandy-Field Hair Sedge
Caladium bicolor							4-FAC						Heart-of-Jesus
Calandrinia ciliata		2-FACU											Fringed Redmaids
Callisia repens							2-FACU						Creeping-Inchplant
Callitriche stagnalis						2-OBL							Pond Water-Starwort
Callitriche stenoptera	New		3-OBL			3-OBL		3-OBL		3-FACW	3-OBL		Narrow-Wing Water-Starwort
Calluna vulgaris					2-FAC								Heather
Calydorea coelestina					3-FACW								Enchanting Violet-Lily
Camelina alyssum								2-FACU					Madwort False Flax
Campanula aparinoides			2-OBL										Marsh Bellflower
Canna flaccida			3-OBL		3-OBL	3-OBL							Bandanna-of-the-Everglades
Canna glauca					2-OBL								Brazilian Arrow-Wood
Canna indica					4-FACW								Indian-Shot
Cardamine clematitis		3-FAC											Small Mountain Bittercress
Cardamine douglassii						4-FACW							Limestone Bittercress
Cardamine flexuosa						3-FACW							Woodland Bittercress
Cardamine impatiens		3-FAC						3-FAC	3-FAC				Narrow-Leaf Bittercress
Cardamine nymanii	New										3-FACW		unknown
Cardamine X incisa					3-FACU								[*concatenata* X *maxima*]
Cardiospermum halicacabum			3-FAC										Love-in-a-Puff
Carex arkansana									3-FAC				Arkansas Sedge
Carex austrina									2-FACU				Southern Sedge
Carex austrodeflexa	New	3-FACW			4-OBL								Canebrake Sedge

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Carex baileyi								4 FACW					Bailey's Sedge
Carex bebbii		2 OBL											Bebb's Sedge
Carex bulbostylis					2 FACW								False Hair Sedge
Carex cherokeensis									2 FACW				Cherokee Sedge
Carex corrugata									2 FACW				Prune Fruit Sedge
Carex davisii			2 FAC					2 FAC		2 FAC			Grassland Sedge
Carex egglestonii			3 FACJ			4 FACJ							Eggleston's Sedge
Carex exsiccata						2 OBL							Western Inflated Sedge
Carex extensa					2 OBL								Long Bract Sedge
Carex fissuricola						3 FACW							Cleft Sedge
Carex foenea		4 FACJ											Bronze Head Oval Sedge
Carex frankii												2 OBL	Frank's Sedge
Carex gynocrates		2 OBL			2 OBL								Northern Bog Sedge
Carex laxiflora						4 FACJ							Broad Loose Flower Sedge
Carex lonchocarpa								2 OBL	2 OBL				Southern Long Sedge
Carex luzulifolia						2 FACW							Little Leaf Sedge
Carex luzulina						2 OBL							Woodrush Sedge
Carex macrocephala		4 FAC											Big Head Sedge
Carex mitchelliana								4 FACW					Mitchell's Sedge
Carex nigromarginata						4 FAC							Black Edge Sedge
Carex oklahomensis									3 OBL				Oklahoma Sedge
Carex parryana									3 FACW				Parry's Sedge
Carex radiata		2 FAC				2 FAC		2 FAC					Eastern Star Sedge
Carex reniformis								3 FACW					Kidney Shape Sedge

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Carex retroflexa		4 FACJ				3 FACJ		3 FACJ	3 FACJ				Reflexed Sedge
Carex rosea		3 FACJ	3 FAC			3 FACJ		4 FACJ	4 FACJ	3 FACJ			Rosy Sedge
Carex salina	New								4 FACW				Saltmarsh Sedge
Carex schweinitzii		2 OBL											Schweinitz's Sedge
Carex senta						2 OBL							Western Rough Sedge
Carex squarrosa						3 FACW							Squarrose Sedge
Carex suberecta			2 OBL			2 OBL							Prairie Straw Sedge
Carex sylvatica					2 FACJ								European Wood and Sedge
Carex torta						3 FACW							Twisted Sedge
Carex triangularis									3 OBL				Eastern Fox Sedge
Carex X aestivaliformis								2 FAC					[*aestivalis X gracillima*]
Cartrema americana			2 FAC			2 FAC							Devilwood
Cayaponia quinqueloba						2 FAC		2 FAC					Five Lobe Cucumber
Celastrus orbiculatus						4 JPL							Asian Bittersweet
Celtis laevigata										3 FACW			Sugar Berry
Cenchrus americanus									3 FACJ				Pearl Millet
Cenchrus ciliaris									3 JPL				Buffel Grass
Cenchrus polystachios						4 FACJ							Mission Grass
Centaurea cyanus											4 JPL		Garden Cornflower
Centaurea jacea		4 FACJ	3 FACJ		3 FACJ	3 FACJ		3 FACJ		3 FACJ			Brown Ray Knapweed
Centaurea X moncktonii	New	3 FAC	3 FACJ		3 FAC	3 FACJ		3 FACJ	3 FACJ	3 FAC			[*jacea x nigra*]
Centella asiatica										3 FAC			Asiatic Spadeleaf
Centipeda minima		3 FAC	3 FAC		4 FACJ								Spreading Sneezeweed
Centromadia pungens									3 FAC				Pungent False Tarragon
Ceratophyllum muricatum									2 OBL				Prickly Hornwort
Cestrum nocturnum					3 JPL								Night Flowering Jassamine

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Chamaecrista fasciculata										2 FACJ			Sleepingplant
Chasmanthium latifolium										3 FAC			Indian Wood Oats
Chasmanthium nitidum					3 FACW								Shiny Wood Oats
Chelone obliqua						2 OBL							Red Turtlehead
Chenopodium fremontii					3 FACJ				3 FACJ				Fremont's Goosefoot
Chenopodium macrospermum					2 FACW								Large Seed Goosefoot
Chrysosplenium rosendahlii	New										3 FACW		Rosendahl's Golden Saxifrage
Cinnamomum camphora										3 JPL			Camphortree
Cirsium floridanum		3 FAC			4 FAC								Florida's Thistle
Cirsium horridulum								4 FACJ					Yellow Thistle
Cirsium lecontei					3 FACW								Le Conte's Thistle
Cirsium nuttallii			2 FAC			2 FAC							Nuttall's Thistle
Cirsium palustre								3 FACW					Marsh Thistle
Cirsium wrightii						3 OBL				3 OBL			Wright's Thistle
Claytonia multiscapa											2 FAC		Many-Stem Springbeauty
Claytonia parviflora											2 FACJ		Streambank Springbeauty
Claytonia perfoliata		4 FACJ			4 FACJ								Miner's Lettuce
Clematis crispa			3 FACW										Swamp Leather Flower
Clematis vitalba		4 JPL	3 FAC		4 JPL				3 FACJ				Evergreen Traveler's Joy
Cleomella angustifolia					2 FAC					2 FAC			Northern Stinkweed
Clinopodium douglasii			3 FACJ								3 FACJ		Oregon Tea
Clitoria ternatea					3 FACJ								Asian Pigeonwings
Coleataenia longifolia	New	4 FACJ			3 FACJ			4 FACJ	3 FACW				Long Leaf Cut Throat Grass
Coleataenia stipitata	New	3 FACW			4 FACW	4 FACW		3 FACW	3 FACW				Stipitate Cut Throat Grass
Commelina benghalensis					3 FACJ								Jio
Convolvulus equitans								2 FACJ					Texas Bindweed

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Coreopsis integrifolia					4 FACJ								Fringe Leaf Tickseed
Conispermum welshii	New	3 JPL	3 FACJ			4 JPL		3 FACJ	3 FACJ	3 FACJ			Welsh's Bugseed
Cortaderia selloana							3 FACJ						Selloa Pampas Grass
Corylus avellana			3 FACJ						3 FACJ				Common Filbert
Cosmos sulphureus	New	4 JPL	3 FACJ	4 JPL	3 FACJ	4 JPL		4 JPL	3 FACJ				Sulphur Cosmos
Cotula australis					3 FAC				3 FAC				Australian Water Buttons
Crassocephalum crepidioides			3 FACJ										Red Flower Ragleaf
Crataegus berberifolia					3 FAC	4 FAC		3 FAC	3 FAC				Barberry Hawthorn
Crataegus forbesae	New								3 FACJ				Forbes' Hawthorn
Crataegus phaenopyrum						2 FAC							Washington Hawthorn
Crinum americanum					4 FAC								Seven Sisters
Crotalaria capensis	New		3 FACJ										Cape Rattlebox
Ctenium aromaticum									2 FACW				Toothache Grass
Cuphea hyssopifolia		3 FAC											False Heather
Cynanchum laeve			2 FAC										Honeyvine
Cyperus aggregatus						3 FAC							Inflated Scale Flat Sedge
Cyperus difformis									2 OBL				Variable Flat Sedge
Cyperus distans					2 OBL								Mexican Flat Sedge
Cyperus elegans										2 FACW			Royal Flat Sedge
Cyperus eragrostis					3 FACW				3 FACW				Tall Flat Sedge
Cyperus involucratus					3 FACW			4 FACW					Alternate Leaf Flat Sedge

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Cyperus meyenianus												4 FACW	Meyen's Flat Sedge
Cyperus parishii						2 FACW							Parish's Flat Sedge
Cyperus prolifer					3 FACW								Miniature Flat Sedge
Cyperus serotinus									2 OBL				Tidal Marsh Flat Sedge
Cyperus surinamensis								2 FACW					Tropical Flat Sedge
Cyperus tetragonus					3 FAC	4 FAC							Four Angle Flat Sedge
Dalea albida	New	4 JPL			4 JPL								Unknown
Dalea gracilis	New	4 FAC											Needle Prairie Clover
Daphne mezereum										3 FACJ	3 FACJ		Paradise Plant
Delphinium glaucescens						2 FACJ							Electric Peak Larkspur
Dentella repens	New	3 FACW			3 FACW								Lickstoop
Deschampsia flexuosa		4 JPL				4 JPL		3 FACJ	3 FACJ	3 FACJ	4 JPL		Wavy Hair Grass
Descurainia adenophora	New		3 FACJ			4 FACJ				3 FACJ			Unknown
Desmodium barbatum							4 FACJ						Zarzabacoa Peluda
Diarrhena obovata		4 FAC			3 FACJ	4 FAC		3 FAC					Hairy Beakgrain
Dichanthelium leucothrix		4 FACW	3 FACW	4 FACW	3 FACW	3 FACW			3 FACW	3 FACW			Rough Rosette Grass
Dichondra carolinensis								3 FAC	4 FACW				Carolina Pony's Foot
Dichondra micrantha					3 FAC								Asian Pony's Foot
Digitaria bicornis								3 FACJ					Asian Crab Grass
Digitaria horizontalis					3 FACJ								Jamaican Crab Grass

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Digitaria violascens								3 FAC					Violet Crab Grass
Diodia virginiana			3 FACW							3 FACW			Virginia Buttonweed
Diphasiastrum alpinum			3 FAC			9 RST							Alpine Creeping Cedar
Diplacus aurantiacus	New		3 FACJ							3 FACJ			Orange Bush Monkey Flower
Dipsacus laciniatus		3 FACJ	3 FACJ		3 FACJ	4 JPL							Cut Leaf Teasel
Ditrysinia fruticosa						4 FAC							Gulf Sebastian Bush
Doellingeria sericocarpoides									2 FACW				Southern White Top
Downingia pulcherrima	New		4 FACW							3 FACW			Unknown
Draba stenoloba						4 JPL							Alaska Whitlow Grass
Dracopis amplexicaulis										3 FAC			Clasping Coneflower
Drosera intermedia			2 OBL							2 OBL			Spoon Leaf Sundew
Drosera X californica	New	3 OBL											[*filiformis X tracyi*]
Drosera X hybrida		2 OBL											[*filiformis X intermedia*]
Dryas ajanensis						4 JPL							Eight Petal Mountain Avens
Dryas integrifolia						2 FACJ			2 FACJ				White Mountain Avens
Drymocallis cuneifolia	New		4 FAC										Wedge Leaf Woodbeauty
Drymocallis micropetala						2 FAC							Little Petal Woodbeauty
Dryopteris X correllii	New	4 FACW			4 FACW				3 FACW				[*carthusiana X goldiana*]
Dryopteris X mickelii		2 FAC						2 FAC					[*clintoniana X goldiana*]
Dysphania aristata	New								3 FACJ		3 JPL		Arstata Wormseed
Echinochloa crus pavonis					4 FACW								Gulf Cock's-Spur Grass
Echinochloa esculenta									3 FACJ				Japanese Water Grass
Echinochloa holciformis	New		3 FACW										Decorative Millet
Echinochloa walteri										3 FACW			Long Awn Cock's-Spur Grass
Eleocharis albida										2 OBL			White Spike Rush
Eleocharis diandra					3 FACW								Wright's Spike Rush

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Eleocharis geniculata					3 FACW								Capitate Spike Rush
Eleocharis mamillata			2 OBL			2 OBL		2 OBL		2 OBL			Soft Stem Spike Rush
Eleocharis suksdorfiana						2 OBL							Suksdorf's Spike Rush
Elionurus tripsacoides					4 FACW								Pan American Balsamscale
Elodea callitrichoides	New		3 OBL							3 OBL			South American Waterweed
Elodea schweinitzii		2 OBL											Schweinitz's Waterweed
Elymus hystrix										3 FACU			Eastern Bottlebrush Grass
Elymus villosus			2 FACU										Hairy Wild Rye
Elymus wiegandii		2 FAC											Wiegand's Wild Rye
Emilia sonchifolia								3 UPL					Lilac Tasselflower
Epilobium anagallidifolium					4 FAC								Pimpernel Willowherb
Epilobium minutum						2 FACU							Chaparral Willowherb
Epilobium parviflorum								3 FACW	3 FACW				Smallflower Hairy Willowherb
Equisetum myriochaetum	New		3 OBL										Mexican Giant Horsetail
Equisetum X litorale						2 OBL							[*arvense* X *fluviatile*]
Equisetum X mackaii			4 FACW							3 FACW			[*hyemale* X *variegatum*]
Equisetum X nelsonii		4 FACW											[*laevigatum* X *variegatum*]
Eragrostis amabilis			3 FAC										Feather Love Grass
Eragrostis atrovirens					3 FAC								Thalia Love Grass
Eragrostis bahiensis					3 FAC				3 FAC				Bahia Love Grass
Eragrostis ciliaris			3 FACU						3 FACU	3 FACU			Gopher Tail Love Grass
Eragrostis lugens								3 FAC					Mourning Love Grass
Eragrostis refracta									2 FACW				Meadow Love Grass
Eragrostis unioloides					3 FAC								Chinese Love Grass
Eremochloa ciliaris	New		3 FACU										Fringed Centipede Grass
Erigeron bellioides		4 FACU											Beautiful Fleabane

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Eriobotrya japonica						4 JPL							Loquat
Eriocaulon aquaticum						2 OBL							Seven Angle Pipewort
Eriocaulon benthamii	New	3 FACW											Bentham's Pipewort
Eriocaulon ravenelii					3 OBL								Ravenel's Pipewort
Eriochloa punctata					2 FACW								Louisiana Cup Grass
Eryngium foetidum					3 FAC								Spiny tweed
Eryngium hookeri					2 FACW								Hooker's Eryngo
Eulophia graminea		4 FACU											Grass Leaf Wild Coco
Euonymus atropurpureus										3 FAC			Eastern Wahoo
Eupatorium leptophyllum					3 FACW								False Fennel
Eupatorium novae-angliae	New								3 FACW				New England Thoroughwort
Eupatorium X coradgerum		3 FAC											[*perfoliatum X rotundifolium*]
Euphorbia hirta										3 JPL			Pill Pod Sandmat
Euphorbia hypericifolia										3 FACU			Graceful Sandmat
Euphrasia stricta	New								3 FACU				Drug Eyebright
Eurybia sibirica						4 FAC							Siberian Wood Aster
Eustachys petraea									3 FACU				Pinewoods Finger Grass
Fallopia dumetorum			4 FACU										Corpse Black Bindweed
Festuca aloha	New						4 JPL						Aloha Fescue
Festuca molokaiensis	New						4 JPL						Molokai Fescue
Filipendula ulmaria		4 FAC			3 FACW	4 FAC			4 FAC	3 FAC			Queen of the Meadow
Fimbristylis annua									3 FACW				Annual Fimbry
Fimbristylis dichotoma								4 FACW					Forked Fimbry
Flaveria campestris		4 FAC											Alkali Yellowtops
Flaveria trinervia								3 FAC					Clustered Yellowtops
Fragaria chiloensis		3 FACU	3 FACU			3 FACU	4 FACU		3 FACU		3 FACU		Beach Strawberry

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Galium circaezans			3 FACJ							3 FACJ			Licorice Bedstraw
Galium mollugo		4 FACJ	3 FACJ					3 FACJ	3 FACJ	3 FACJ			White Bedstraw
Galium palustre		2 OBL											Common Marsh Bedstraw
Gamochaeta pensylvanica									3 FACJ				Pennsylvania Everlasting
Gaultheria ovatifolia						2 FAC							Western Teaberry
Gelsemium rankinii					4 FAC								Rankin's Trumpet Flower
Gentianella wrightii						4 FACW				3 FAC			Wright's Dwarf Gentian
Geranium robertianum		4 FACJ	3 FACJ		3 FACJ			4 FACJ	3 FACJ		4 FACJ		Lesser Herbropert
Gibasis geniculata						3 FAC							Tanglehead Bridalveil
Gleditsia aquatica									2 OBL				Water Locust
Glinus radiatus								2 FACW					Spreading Sweetjuice
Glyceria declinata					3 FACW								Waxy Manna Grass
Glyceria fluitans		2 OBL											Water Manna Grass
Glyceria laxa		4 OBL							3 OBL				Limp Manna Grass
Glyceria septentrionalis							2 OBL						Floating Manna Grass
Grevillea robusta			3 JPL										Silk Oak
Grindelia camporum		4 FACJ			4 FACJ								Great Valley Gumweed
Grindelia stricta											2 FACW		Oregon Gumweed
Gynandropsis gynandra									3 FACJ				Spiderwisp
Habenaria quinqueseta			2 FACW			2 FACW							Long Horn Fase Ren Orchid
Hackelochloa granularis					4 FACJ			3 FACJ					Pit-Scale Grass
Hedera helix		3 FACJ	3 FACJ		3 FACJ	4 JPL	3 JPL	4 JPL	3 FACJ				English Ivy
Hedychium coronarium					4 FAC								White Ginger Lily
Hedychium flavescens			3 FAC							3 FAC			Cream Ginger Lily
Hedysarum alpinum								3 FAC					Alpine Sweet Vetch
Helenium amarum										2 FACJ			Yellowdicks

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Helenium microcephalum					2 FACW								Small Head Sneezeweed
Helenium vernale					3 FACW								Savannah Sneezeweed
Helianthus floridanus					3 FACW								Florida Sunflower
Helianthus heterophyllus			2 OBL			2 OBL							Variable Leaf Sunflower
Helianthus microcephalus						4 JPL							Small Wood and Sunflower
Helianthus nuttallii		2 FACW			2 FACW								Nuttall's Sunflower
Helianthus strumosus		4 JPL				3 FACJ		3 FACJ	3 FACJ				Pale Leaf Woodland Sunflower
Helosciadium nodiflorum					2 OBL				2 OBL				Foool's Watercress
Heracleum mantegazzianum		2 FAC			2 FAC					2 FAC			Giant Hogweed
Hexastylis sorrei	New	4 FACW			3 FACW								Sandhills Heartleaf
Hieracium greenii		2 FACJ											Green's Hawkweed
Hippuris lanceolata	New										3 OBL		Panarctic Mare's Tail
Hordeum depressum		2 FACW											Dwarf Barley
Houstonia caerulea						3 FACJ							Quaker Ladies
Houttuynia cordata						2 FAC							Chameleon
Hydrilla verticillata				2 OBL				2 OBL					Water Thyme
Hydrocharis morsus ranae		2 OBL			2 OBL								Common Frogbit
Hymenocallis crassifolia					3 OBL								Coastal Carolina Spider Lily
Hyparrhenia rufa						4 FACJ							Jaraguá
Hypericum canadense						2 FACW							Lesser Canadian St Jonn's Wort
Hypericum erythraeae	New	4 OBL											Georgia St Jonn's Wort
Hypericum nudiflorum								2 FACW					Early St Jonn's Wort
Hypericum virgatum		4 FAC						4 FAC					Sharp Leaf St Jonn's Wort

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Hypericum walteri									2 OBL				Greater St. John's Wort
Hypoxis curtissii						2 FACW							Curtiss' Yellow Star Grass
Hypoxis juncea					3 FACW								Fringed Yellow Star Grass
Ilex aquifolium		4 FACJ	3 FACJ				4 FACJ		3 FACJ				English Holly
Ilex montana		4 FAC							3 FACJ				Mountain Holly
Illicium parviflorum					4 FACW								Yellow Anisetree
Impatiens aurella						2 FACW							Pale Yellow Touch Me Not
Impatiens balsamina						4 JPL							Garden Balsam
Imperata cylindrica						3 FACJ				3 FACJ			Cogon Grass
Indigofera suffruticosa					4 JPL								Anil de Pasto
Ipomoea alba								3 FAC					Tropical White Morning Glory
Ipomoea cairica										3 FACJ			Mile a Minute Vine
Ipomoea hederifolia					3 FAC								Scarlet Creeper
Ipomoea indica					4 FAC					3 FAC			Ocean Blue Morning Glory
Ipomoea quamoclit										3 FACJ			Cypress Vine
Ipomoea violacea			3 FAC			3 FAC							Heavenly Blue Morning Glory
Iresine diffusa			3 FAC										Juba's Bush
Iris fulva									2 OBL				Copper Iris
Iris giganticaerulea			3 OBL			3 OBL							Giant Blue Iris
Iris X nelsonii	New	3 OBL											[*brevicaulis* X *fulva* X *hexagona*]
Isoetes flettii										3 OBL			Flett's Quillwort
Isoetes novae-angliae	New								3 OBL				New England Quillwort
Isoetes occidentalis						2 OBL							Western Quillwort
Isoetes texana	New	3 OBL											Coastal Bend Quillwort
Isoetes tuckermanii		2 OBL											Tuckerman's Quillwort
Isoetes X altonharvillii		3 OBL											[*engelmannii* X *vallida*]

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Isoetes X brittonii		2 OBL											[*engelmannii* X *riparia*]
Isoetes X carltaylorii	New	3 OBL			4 OBL								[*acadiensis* X *engelmannii*]
Isoetes X eatonii		2 OBL											[*echinospora* X *engelmannii*]
Isoetes X echtuckeri	New								3 OBL				[*echinospora* X *tuckermannii*]
Isoetes X fairbrothersii		3 OBL							3 OBL				[*engelmannii* X *lacustris*]
Isoetes X truncata										3 OBL			[*flettii* X *maritima*]
Jaegeria hirta	New		4 FACU										Botao de Ouro
Juncus anthelatus		2 FACW	2 FACW		2 FACW	2 FACW				2 FACW			Kentucky Rush
Juncus bulbosus									3 OBL				Bulbous Rush
Juncus compressus		3 FACW			3 FACW								Round Fruit Rush
Juncus elliottii			3 FACW										Elliott's Rush
Juncus ensifolius								2 FACW					Dagger Leaf Rush
Juncus pallidus	New	3 FACW			4 OBL								Javelin Grass
Juncus paludosus	New	4 OBL											Florida Rush
Juncus pylaei						2 OBL							Common Rush
Juncus saximontanus											2 FACW		Rocky Mountain Rush
Juncus vaseyi					2 FACW								Vasey's Rush
Justicia americana			2 OBL										American Water Willow
Justicia crassifolia					3 OBL								Thick Leaf Water Willow
Krigia caespitosa									3 FACU				Weedy Dwarf Dandelion
Lantana urticoides										3 FACU			West Indian Shrub Verbena
Leitneria pilosa	New	4 FACW			4 FACW								Hairy Corkwood
Lepidium latifolium		4 FAC			3 FAC								Broad Leaf Pepperwort
Lepidium nitidum						2 FAC			2 FAC				Shining Pepperwort
Leucothoe axillaris									2 FACW				Coastal Doghobble

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Leucothoe fontanesiana								2 FACW					Highland Dogwood
Leymus condensatus						2 FACJ							Giant Lyme Grass
Limnobium spongia			2 OBL							2 OBL			American Spongeplant
Limnosciadium pumilum					4 OBL								Prairie Dogshade
Limonium binervosum	New		3 FAC										Rock Sea Lavender
Lindernia procumbens									2 FACW				Prostrate False Pimpernel
Linum floridanum									2 FAC				Florida Yellow Flax
Linum intercursum		4 FACJ			3 FACJ			3 FACJ					Sandplain Flax
Linum virginianum						4 FAC							Woodland Flax
Liquidambar styraciflua										3 FAC			Sweet Gum
Lonicera caurina						2 FAC							Sweet Berry Honeysuckle
Lonicera japonica		4 FACJ											Japanese Honeysuckle
Ludwigia bonariensis					3 OBL								Carolina Primrose Willow
Ludwigia octovalvis			2 OBL		2 OBL								Mexican Primrose Willow
Lupinus polyphyllus		3 FAC			4 FAC								Blue Pod Lupine
Luzula arcuata						3 FACJ							Curved Wood Rush
Lycium torreyi						3 FAC				3 FACJ			Squawthorn
Lycopodiella margueritae					3 FACW			3 FACW					Prostrate Club Moss
Lycopodiella subappressa								3 FACW					Northern Appressed Club Moss
Lycopus americanus											2 OBL		Cut Leaf Water Horehound
Lycopus rubellus										2 OBL			Taper Leaf Water Horehound
Lycopus X sherardii						2 OBL							[*uniflorus X virginicus*]
Lysimachia maritima					4 FAC								Sea Milkwort
Lysimachia punctata			2 OBL										Large Yellow Loosestrife
Lythrum salicaria											3 OBL		Purple Loosestrife
Macroptilium lathyroides					2 FACJ								Wild Bush Bean

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Madia glomerata		4 FACJ			3 FACJ								Mountain Tarplant
Magnolia acuminata		3 FACJ				3 FACJ		3 FACJ	3 FACJ				Cucumber Tree
Magnolia ashei					3 FACJ								Ashe's Magnolia
Mahonia nervosa		4 FACJ	3 FACJ		3 FACJ								Cascade Oregon Grape
Marsilea drummondii	New		3 OBL										Drummond's Water Clover
Marsilea mutica						2 OBL		2 OBL					Australian Water Clover
Marsilea vestita									2 OBL				Hairy Water Clover
Medeola virginiana		4 FACJ			3 FAC				4 FACJ				Indian Cucumber Root
Meehania cordata								3 FACJ	3 FACJ				Meehan's Mint
Melaleuca citrina			2 JPL							2 JPL			Crimson Bottlebrush
Melanthera angustifolia	New	4 FAC											Everglades Squarestem
Melia azedarach									3 FACJ				China Berry
Melica bulbosa						9 RST		2 FACJ					Onion Grass
Melilotus indicus								3 FACJ					Indian Sweet Clover
Melochia corchorifolia						4 FAC			3 FACJ				Chocolate Weed
Mentha aquatica						3 FACW							Water Mint
Mentha X gracilis			4 FACW							3 FACW			[*arvensis* X *spicata*]
Mentha X rotundifolia		4 FAC	4 FAC			4 FAC		4 FAC	4 FAC	3 FAC			[*spicata* X *suaveolens*]
Mesembryanthemum cordifolium										2 FAC			Heart Leaf Iceplant
Mesembryanthemum crystallinum										3 FACJ			Crystalline Iceplant
Mesembryanthemum nodiflorum		2 FAC											Slender Leaf Iceplant
Micranthes fragosa	New		3 FACW							3 FACW			Cliff Pseudosaxfrage
Micranthes palmeri						4 FAC							Palmer's Pseudosaxfrage

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Micranthes petiolaris		3 FACW											Michaux's Pseudosaxifrage
Milium effusum						2 FACJ			2 FACJ				American Millet Grass
Mimosa pudica					2 FACJ								Shameplant
Mimosa strigillosa					2 FAC			2 FAC					Powderpuff
Mimulus breviflorus						2 FACW							Short Flower Monkey Flower
Mimulus guttatus		2 OBL											Seep Monkey Flower
Mimulus washingtonensis						2 OBL							Washington Monkey Flower
Moehringia macrophylla	New		3 FAC			4 JPL			3 FACJ	3 FACJ			Large Leaf Grove Sandwort
Molinia caerulea					2 FACJ								Purple Moor Grass
Momordica charantia			3 FACJ			3 FACJ			3 FACJ				Balsam Pear
Monarda clinopodia		2 FACJ							2 FACJ				White Bergamot
Morinda umbellata	New	4 FACJ											Cheesesnrub
Morus rubra			2 FACJ							2 FACJ			Red Mulberry
Muhlenbergia expansa						2 FACW							Spreading Muhly
Muhlenbergia filiformis		2 FACW						2 FACW					Pullup Muhly
Muhlenbergia glabriflora		3 FAC			4 FAC	4 FAC			3 FAC				Smooth Muhly
Muhlenbergia tenuiflora		3 FACJ				3 FACJ		3 FACJ	3 FACJ				Slim Flower Muhly
Muhlenbergia uniflora			2 OBL			2 OBL							Bog Muhly
Myosotis sylvatica											3 JPL		Wood and Forget Me Not
Myriophyllum heterophyllum										2 OBL			Two-Leaf Water Milfoil
Myriophyllum humile						2 OBL							Low Water Milfoil
Myriophyllum pinnatum										2 OBL			Cut Leaf Water Milfoil
Nama jamaicense					4 FACW								Jamaican Weed
Navarretia fossalis										3 OBL			Vernal Pool Pincushion Plant
Navarretia prostrata										3 OBL			Prostrate Pincushion Plant

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Nelsonia canescens		3 FAC											Blue Pussyleaf
Nelumbo nucifera						2 OBL							Sacred Lotus
Neptunia oleracea		3 OBL			4 FACW								Garden Puff
Nicotiana obtusifolia					2 FACJ								Desert Tobacco
Nicotiana plumbaginifolia					2 FAC								Tex Mex Tobacco
Nicotiana tabacum						3 JPL							Cultivated Tobacco
Nuphar sagittifolia									2 OBL				Unknown
Nyssa ogeche					3 OBL								Ogeechee Tupelo
Oenanthe javanica									2 OBL				Water Celery
Oenothera canescens		2 FAC	2 FAC										Spotted Evening Primrose
Oenothera elata								3 FACW					Hooker's Evening Primrose
Oenothera flava		4 FACJ											Long Tube Evening Primrose
Oenothera jamesii		2 FACW											Trumpet Evening Primrose
Ophioglossum petiolatum						4 FACW							Long-Stem Adder's Tongue
Oplismenus hirtellus								3 FACJ					Long Leaf Basket Grass
Oplopanax horridus						4 FACJ							Devil's Club
Ornithogalum caudatum					3 FACJ								False Sea Onion
Orobanche riparia		2 FACW			2 FACW			2 FACW		2 FACW			River Broom Rape
Osmorhiza berteroi								2 FACJ					Mountain Sweet Cicely
Oxalis corniculata											3 FACJ		Creeping Yellow Wood Sorrel
Oxytropis czukotica	New										3 JPL		Ampn Beringan Locoweed
Packera pseudaurea					2 FACW								Streambank Groundsel
Palhinhaea cernua					3 FAC								Monkey's Paw
Parnassia parviflora											2 OBL		Small Flower Grass of Parnassus
Paspalum denticulatum					2 OBL								Paul and Be Damned
Paspalum floridanum									2 FACW				Florida Crown Grass

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Paspalum notatum								3 FACJ					Bahia Grass
Paspalum orbiculatum		4 FAC			4 FAC								Circular Crown Grass
Paspalum virgatum							2 FACW						Taqueza
Passiflora foetida					3 FAC								Scarlet Fruit Passion Flower
Paulownia tomentosa			4 JPL										Princesstree
Paxistima myrsinites			3 FACJ			3 FACJ							Oregon Boxleaf
Peridendia parishii						2 FAC							Parish's Yampah
Perilla frutescens		4 FACJ			3 FACJ	3 FAC			3 FAC	3 JPL			Beefsteakplant
Persea palustris						2 FACW							Swamp Bay
Persicaria arifolia			2 OBL							2 OBL			Halberd Leaf Tearthumb
Persicaria longiseta		2 FAC			2 FAC								Bristly Lady's Thumb
Persicaria meisneriana					4 FAC								Branched Tearthumb
Persicaria minor		2 OBL											Pygmy Smartweed
Persicaria perfoliata										2 FAC			Asiatic Tearthumb
Persicaria puritanorum	New								4 FACW				Puritan Smartweed
Persicaria robustior			3 OBL			3 OBL							Stout Smartweed
Persicaria wallichii					2 FAC				2 FAC				Garden Smartweed
Petasites frigidus		3 FACW											Arctic Sweet Coltsfoot
Phacelia covillei								2 FACW					Buttercup Scorpion Weed
Phacelia viscida									3 JPL				Tacky Scorpion Weed
Phalaris aquatica						3 FAC							Harding Grass
Phalaris paradoxa									3 FAC				Mediterranean Canary Grass
Phegopteris hexagonoptera						4 FAC							Broad Beech Fern
Phragmites karka		3 FACW	3 OBL			4 FACJ				3 FAC			Tropical Reed
Phyla cuneifolia					4 FAC								Wedgeleaf
Phyllanthus caroliniensis									2 FAC				Carolina Leaf Flower
Phyllanthus fluitans	New	3 OBL											Red Root Floater

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Phyllostachys nigra		2 FACJ				2 FACJ							Black Bamboo
Physalis minima					2 FACJ			2 FACJ					Pygmy Ground Cherry
Physostegia angustifolia									3 FACW				Narrow Leaf False Dragonhead
Phytolacca icosandra		3 FAC	4 FACJ	4 FACJ	4 FACJ								Tropical Pokeweed
Picea pungens		3 FAC											Blue Spruce
Pimpinella saxifraga	New	4 JPL			3 FACJ			3 JPL	3 FACJ	3 JPL			Solid-Stem Burnet Saxifrage
Pinckneya bracteata					3 FACW								Fevertree
Pinguicula planifolia					4 OBL								Chapman's Butterwort
Pinus ponderosa									3 JPL				Ponderosa Pine
Plagiobothrys leptocladus								3 FACW					Alkali Popcorn Flower
Plagiobothrys nitens	New		4 OBL							3 FACW			Shiny Nutlet Popcorn Flower
Plagiobothrys reticulatus									2 FACW				Netted Popcorn Flower
Plantago pusilla			3 FAC							3 FACJ			Dwarf Plantain
Platanthera aquilonis					3 FACW	3 OBL		3 FACW	3 FACW		3 FACW		Bog Orchid
Platanthera brevifolia						4 FACJ				3 FACJ			Short Leaf Fringed Orchid
Platanthera grandiflora								2 FACW					Greater Purple Fringed Orchid
Platanthera huronensis		3 OBL											Lake Huron Green Orchid
Platanthera shriveri	New				4 FAC								Shriver's Fringed Orchid
Platanthera X beckneri	New	3 FACW											[*conspicua* X *cristata*]
Platanthera X enigma	New								3 FACW				[*grandiflora* X *psycodes*]

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Platanthera X estesii	New		3 FACW							3 FAC			[*ailatata X stricta*]
Platanthera X folsomii	New		3 FACW							3 FAC			[*ailatata X yosemitensis*]
Platanthera X kelleyi	New		3 FACW							3 FAC			[*sparsiflora X tescamnis*]
Platanthera X lueri	New	3 FACW											[*conspicua X ciliaris*]
Platanthera X smithii	New					3 FAC				3 FAC			[*aquilonis X tescamnis*]
Platanthera yosemitensis	New		3 FACW							3 FACW			Yosemite Bog Orchid
Plecostachys serpyllifolia	New		3 FACJ										Pettet Lorence
Pleea tenuifolia					3 OBL								Rush Featherling
Pleopeltis polypodioides									4 JPL				Resurrection Fern
Pluchea baccharis						2 FACW							Rosy Camphorweed
Plumbago auriculata					3 JPL								Cape Leadwort
Poa arctostepporum	New										3 JPL		Amphi Bering an Blue Grass
Poa bulbosa	New	3 FACJ	3 FACJ		3 FACJ	3 FACJ		3 FACJ	3 FACJ	3 FACJ			Bulbous Blue Grass
Poa nemoralis						3 FACJ							Forest Blue Grass
Poa secunda		2 FACJ			2 FACJ								Curly Blue Grass
Polemonium caeruleum		2 FACW						2 FACW					Charity
Polemonium longii	New				3 FACJ								Long's Jacob's Ladder
Polemonium micranthum						2 FACJ							Annual Jacob's Ladder
Polygala ambigua			2 FACJ			2 FACJ							Alternate Milkwort
Polygala brevifolia					3 FACW								Little Leaf Milkwort
Polygala hookeri					3 FACW								Hooker's Milkwort
Polygala sanguinea			4 FACJ										Purple Milkwort
Polygonatum pubescens		4 FACJ				4 FACJ		3 FACJ	3 FACJ				Hairy Solomon's Seal

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Polygonum achoreum		4 FAC											Leatnery Knotweed
Polygonum argyrocoleon					4 OBL			4 OBL	3 FAC				S ver Sneatn Knotweed
Polygonum douglasii		4 FACJ											Do glas' Knotweed
Polygonum patulum						4 FACW			3 FACJ				Be ard's Knotweed
Polygonum plebeium	New	4 FACW											Common Knotweed
Polygonum rail	New								3 FAC				Ray's Knotweed
Polypogon interruptus					3 FACW			3 FACW					D tch Rabb t's Foot Grass
Polypogon viridis					4 FACW								Beard ess Rabb t's Foot Grass
Polystichum munitum					2 FACJ				2 FACJ				P ne and Sword Fern
Pontederia cordata			2 OBL										P ckere weed
Pontederia rotundifolia	New	3 OBL											Trop ca P ckere weed
Portulaca grandiflora			3 JPL							3 JPL			Rose Moss
Potamogeton friesii		2 OBL											F at-Sta k Pondweed
Potamogeton oblongus	New	3 OBL			3 OBL				3 OBL				C nnamon-Spot Pondweed
Potamogeton tennesseensis		2 OBL											Tennessee Pondweed
Potamogeton X absconditus	New								3 OBL				[*perfoliatus* X *richardsonii*]
Potamogeton X aemulans	New								3 OBL				[*bicupulatus* X *epihydrus*]
Potamogeton X faxonii		2 OBL	2 OBL		2 OBL	2 OBL							[*illinoensis* X *nodosus*]
Potamogeton X hagstroemii										2 OBL			[*gramineus* X *richardsonii*]
Potamogeton X mirabilis	New								3 OBL				[*gramineus* X *oakesianus*]
Potamogeton X nericus			3 OBL			3 OBL		3 OBL		3 OBL			[*alpinus* X *gramineus*]
Potamogeton X nitens					3 OBL								[*gramineus* X *perfoliatus*]
Potamogeton X rectifolius					2 OBL					2 OBL			[*nodosus* X *richardsonii*]
Potamogeton X sparganiifolius	New				3 OBL				3 OBL				[*gramineus* X *natans*]
Potamogeton X spathuliformis			2 OBL			2 OBL				2 OBL			[*gramineus* X *illinoensis*]
Potamogeton X subdentatus	New	3 OBL							3 OBL				[*illinoensis* X *perfoliatus*]

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Potamogeton X subobtusus	New								3 OBL				[*alpinus* X *nodosus*]
Potamogeton X undulatus	New							3 OBL	3 OBL				[*praelongus* X *crispus*]
Potamogeton X versicolor	New								3 OBL				[*epihydrus* X *perfoliatus*]
Potentilla litoralis	New								3 FACU				Coastal Cinquefoil
Potentilla pensylvanica					2 FACU								Pennsylvania Cinquefoil
Potentilla plattensis								2 FACW					Platte River Cinquefoil
Potentilla uliginosa	New		4 OBL							3 FACW			Cunningham Marsh Cinquefoil
Praxelis clematidea	New	3 FACU											Praxelis
Proboscidea louisiana							4 FACW						Ram's Horn
Prunus avium		4 UPL	3 FACU		4 UPL	4 UPL		3 FACU	3 FACU				Sweet Cherry
Pseuderanthemum variabile					4 FACU								Night and Afternoon
Pseudognaphalium canescens					3 FACU								Wright's Rabbit Tobacco
Pseudotsuga menziesii		2 FACU			2 FACU								Douglas Fir
Pteris irregularis				4 UPL									Zigzag Brake
Puccinellia lemmonii						3 FACW							Lemmon's Alkali Grass
Puccinellia lucida			3 OBL										Shining Alkali Grass
Puccinellia nutkaensis		4 FACW			3 FACW								Nootka Alkali Grass
Puccinellia tenella					4 FACW								Tundra Alkali Grass
Pueraria montana			3 UPL										Kudzu
Pyrola asarifolia		3 FAC			4 FAC								Pink Wintergreen
Pyrrocoma lanceolata		4 FAC											Lance Leaf Goldenweed
Quercus hemisphaerica			3 FACU										Darlington's Oak
Quercus pagoda									4 FACW				Cherry Bark Oak

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Quercus rubra			2 FACJ										Northern Red Oak
Quercus similis					2 FACW								Bottom Land Post Oak
Quercus X macnabiana								2 FACJ					[*sinuata X stellata*]
Ranunculus muricatus								3 FACW					Spiny Fruit Buttercup
Ranunculus platensis						2 FAC							Prairie Buttercup
Ranunculus subrigidus											2 OBL		Short Beak Water Crowfoot
Ranunculus sulphureus			3 FACW			3 OBL				3 FACW			Sulphur Buttercup
Ranunculus trilobus					3 FAC								Three Lobe Buttercup
Reynoutria X bohemica		3 FACJ	3 FACJ		3 FACJ	4 FACJ		4 FACJ	3 FACJ		3 FACJ		[*japonica X sachalinensis*]
Rhamnus alaternus	New		3 FACJ										Evergreen Buckthorn
Rhamnus alnifolia		4 FAC											Alder Leaf Buckthorn
Rhinanthus minor								3 FACJ					Little Yellow Rattle
Rhizophora mangle					2 OBL								Red Mangrove
Rhododendron macrophyllum			3 FACJ										California Rhododendron
Rhododendron prinophyllum			2 FAC			2 FAC							Early Azalea
Rhus copallinum			3 FACJ										Winged Sumac
Rhynchospora brachychaeta			3 FACW			3 OBL							West Indian Beak Sedge
Rhynchospora caduca								3 OBL					Angle-Stem Beak Sedge
Rhynchospora careyana									2 OBL				Broad Fruit Horned Beak Sedge
Rhynchospora inundata						2 OBL							Narrow Fruit Horned Beak Sedge
Rhynchospora latifolia								3 FACW					Sand Swamp Whitetop
Rhynchospora odorata					2 OBL								Fragrant Beak Sedge
Rhynchospora rariflora								2 OBL					Few Flower Beak Sedge

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Rhynchospora recognita		3 FACW	3 FACW	4 FACW		3 FACW	4 FACW	3 FACW	3 FACW	3 FACW			Coarse Globe Beak Sedge
Ribes glandulosum		3 FACW											Skunk Currant
Ribes laxiflorum			4 FACJ			3 FACJ					3 FACJ		Trailing Black Currant
Ribes lobbii			3 FACJ										Oregon Gooseberry
Ribes sanguineum			4 JPL										Blood Currant
Rorippa curvipes		3 FACW											Blunt Leaf Yellowcress
Rorippa dubia		3 FACW	3 FAC							3 FACW			Unknown
Rorippa sessiliflora										2 OBL			Stalkless Yellowcress
Rousseliа humilis		3 FACJ											Shinneseed
Rubus apogaeus					4 FAC								Falling Dewberry
Rubus arizonensis		2 FACJ											Arizona Dewberry
Rubus baileyanus						2 FACJ							Bailey's Dewberry
Rubus caesius					3 FACJ			3 FACJ					European Dewberry
Rubus floricomus	New	4 FAC			4 FAC				3 FAC				Many Flower Blackberry
Rubus hispidoides	New								3 FACW				Bog Dewberry
Rubus hypolasius					4 FAC								Pine and Dewberry
Rubus inclinis	New				4 FACW				4 FACW				Marshland Blackberry
Rubus lawrencei	New	3 FAC			3 FAC				4 FAC				Adirondack Blackberry
Rubus longii									2 FAC				Long's Blackberry
Rubus missouricus		2 FACJ											Missouri Dewberry
Rubus multiformis					2 FAC								Variable Blackberry
Rubus paganus									3 FACW				St Lawrence Dewberry

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Rubus paludivagus	New								4 FAC				Cape Cod Blackberry
Rubus parviflorus		3 FACJ			3 FACJ								Western Thimbleberry
Rubus pedatus						4 FAC							Strawberry Leaf Raspberry
Rubus pensilvanicus			3 FAC							3 FAC			Pennsylvania Blackberry
Rubus phoenicolasius		3 FACJ	3 FACJ		3 FACJ			3 FACJ		3 FAC			Wine Raspberry
Rubus plus					4 FACJ			3 FAC					Hairy Leaf Dewberry
Rubus probabilis					4 FACJ								Tree Blackberry
Rubus sons					3 FAC								New Orleans Dewberry
Rubus suus						4 FAC							Branched Blackberry
Rubus tardatus		4 FACJ			3 FAC			3 FAC					Wet Thicket Dewberry
Rudbeckia nitida					4 FAC								Shiny Coneflower
Rudbeckia occidentalis						2 FAC							Western Coneflower
Rumex floridanus					3 FACW				3 FACW				Florida Dock
Rumex hesperius	New		4 FACW							3 FACW			Western Willow dock
Rumex kerneri										3 FACW			Kerner's Dock
Rumex lapponicus			4 FAC			3 FAC				3 JPL			Lapland Sorrel
Rumex maritimus	New	3 FACW			4 FAC				3 FACW				Golden Dock
Rumex mexicanus						3 FAC			4 FACW	3 FAC			Mexican Dock
Rumex occidentalis		3 OBL			4 OBL								Western Dock
Rumex palustris	New		4 FACW							3 FAC			Marsh Dock
Rumex persicarioides		2 FACW			2 FACW					2 FACW			Coastal Dock
Rumex stenophyllus		2 FACW											Narrow Leaf Dock
Rumex violascens									2 FACW				Violet Dock
Sabal minor								2 FACW					Dwarf Palmetto

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Sabatia campanulata						2 FACW							Slender Rose Gentian
Sabatia kennedyana					2 OBL								Plymouth Rose Gentian
Sacciolepis indica					4 FACW								Glenwood Grass
Sagina procumbens						3 FACW							Bird Eye Pearlwort
Sagittaria ambigua									2 OBL				Kansas Arrowhead
Sagittaria cuneata		2 OBL											Arum Leaf Arrowhead
Salix atrocinerea		2 FACW				2 FACW		2 FACW					Smooth Twig Gray Willow
Salix caprea			3 FACW							3 FACW			Goat Willow
Salix cinerea						2 FACW				2 FACW			Large Gray Willow
Salix elaeagnos		4 FAC			3 FACW			3 FACW					Elaeagnus Willow
Salix famelica					2 FACW								Unknown
Salix myrsinifolia	New								3 OBL				Dark Leaf Willow
Salix nigra			4 OBL										Black Willow
Salix triandra	New	4 OBL			3 FACW			3 FACW	3 FACW				Almond Leaf Willow
Salix viminalis								3 FACW					Basket Willow
Salix X glatfelteri	New	4 FACW			3 FACW			3 FACW	3 FACW				[*amygdaloides X nigra*]
Salvinia molesta				2 OBL						2 OBL			Karoba Weed
Salvinia oblongifolia	New		3 OBL										Oblong Leaf Water Moss
Samanea saman													Raintree
Sarcocornia ambigua					2 OBL	2 OBL							Chickenclaws
Sarcocornia utahensis		3 OBL											Utah Swampfire
Sarracenia flava									2 OBL				Yellow Pitcherplant
Sarracenia leucophylla					3 OBL					3 OBL			White Top Pitcherplant
Sarracenia minor					3 OBL								Hooded Pitcherplant
Sarracenia rosea					3 OBL								Rosy Pitcherplant

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Saxifraga rivularis									3 FACW				Alpine Brook Saxifrage
Sceptridium biternatum									2 FAC				Sparse Lobe Grape Fern
Sceptridium oneidense		4 FAC						3 FAC	3 FAC				Blunt Lobe Grape Fern
Schedonorus giganteus	New								3 FACJ				Giant False Rye Grass
Schenkia spicata					2 FACW								Mediterranean Schenkia
Schinus molle		4 FACJ		4 FACJ		3 FACJ	3 JPL			3 JPL			Peruvian Peppertree
Schoenolirion albiflorum					4 FACW								White Sunnyone
Schoenoplectus californicus								2 OBL					California Club Rush
Schoenoplectus glaucus		2 OBL			2 OBL								Tuberous Club Rush
Schoenoplectus heterochaetus		2 OBL											Pale Great Club Rush
Schoenoplectus lacustris	New	3 OBL			3 OBL				3 OBL				Common Club Rush
Scilla luciliae		3 FAC											Bosser's Glory of the Snow
Scirpoides holoschoenus									2 OBL				Round Head Club Rush
Scirpus atrocinctus			3 OBL										Black Girdle Bulrush
Scirpus atrovirens			2 OBL							2 OBL			Dark Green Bulrush
Scleria oligantha									3 FAC				Little Head Nut Rush
Sedum ternatum		4 FACJ						3 FACJ	3 FACJ				Wood and Stonecrop
Selaginella eclipes		3 FACW			3 FACW			3 FACW					Hidden Spike Moss
Selaginella uncinata					3 OBL								Blue Spike Moss
Senecio hydrophiloides						2 FACW							Stout Meadow Ragwort
Senecio minimus			3 FACJ										Coastal Burnweed
Senecio pseudoarnica									3 FACJ				Seaside Ragwort
Senna alata					3 FACJ								Emperor's Candlesticks
Sesbania herbacea										3 FACW			Peatree
Seymeria cassioides			2 FAC			2 FAC							Yaupon Black Senna

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Shortia galacifolia									3 FACJ				Oconee Bells
Sibbaldia tridentata		2 FACJ											Shrubby Cinquefoil
Sida acuta			3 JPL			4 JPL			3 FACJ				Common Wireweed
Sidalcea campestris			3 FACJ										Meadow Checkerbloom
Sidalcea neomexicana		2 FACW											Rocky Mountain Checkerbloom
Silene uralensis						3 FACW							Apetalous Catchfly
Silphium integrifolium		3 FAC			3 FAC	3 FAC		3 FACJ		3 FAC			Entire Leaf Rosinweed
Silphium perfoliatum			3 FACW										Cup Plant
Sinapis alba		3 FAC	4 FAC	4 FAC	3 FACW			3 FACJ	3 FACJ				White Mustard
Sisyrinchium fuscatum								4 FACW					Coastal Plain Blue Eyed Grass
Sisyrinchium sagittiferum					4 FACW								Spear Bract Blue Eyed Grass
Sium carsonii	New	3 OBL			4 OBL				3 OBL				Carson's Water Parsnip
Smilax glauca										3 FACJ			Sawbrier
Smilax pulverulenta						3 FACJ							Downy Carrion Flower
Solandra grandiflora									3 FACJ				Snowy Chalicevine
Solanum nigrum									3 FACJ				European Black Nightshade
Solanum torvum					3 FACJ								Turkey Berry
Solenostemon scutellarioides					2 FACJ				2 FACJ				Painted Nettle
Solidago caesia						2 FACJ							Wreath Goldenrod

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Solidago fistulosa									4 FACW				Pine Barren Goldenrod
Solidago multiradiata					2 FACU				2 FACU				Rocky Mountain Goldenrod
Solidago stricta						3 OBL							Wand Goldenrod
Solidago X asperula		4 UPL											[*rugosa X sempervirens*]
Sophronanthe pilosa								3 FACW					Shaggy False Hedge Nettle
Sparganium fluctuans		2 OBL											Floating Burr Reed
Spergularia diandra						2 FACW							Alkali Sandspurry
Spergularia echinosperma			3 OBL										Bristle-Seed Sandspurry
Sphenopholis filiformis						3 FAC							Long Leaf Wedgescale
Sphenopholis intermedia		2 FAC	2 FAC		2 FAC	2 FAC				2 FAC	2 FAC		Slender Wedgescale
Sphenopholis nitida		4 UPL			3 FAC	4 UPL			4 UPL				Shiny Wedgescale
Spinulum annotinum		3 FAC											Interrupted Club Moss
Spiraea betulifolia								3 FAC					Shiny Leaf Meadowsweet
Spiranthes odorata									2 OBL				Marsh Ladies' Tresses
Sporobolus texanus		3 FAC			4 FACU								Texas Dropseed
Sporobolus virginicus					4 FAC								Seashore Dropseed
Sporobolus wrightii		4 FAC				3 FAC				3 FACW			Wright's Dropseed
Stachys appalachiana	New				4 OBL								Blue Ridge Hedge Nettle
Stachys clingmanii									3 FACU				Clingman's Hedge Nettle
Stachys crenata								3 FAC					Mouse's Ear
Stellaria alsine			3 OBL										Bog Chickweed
Stellaria borealis		3 FACW											Boreal Starwort
Stellaria cuspidata					2 FAC								Mexican Starwort
Stenandrium dulce					3 FACW								Sweet Snaggytuft
Stuckenia filiformis		2 OBL											Slender Leaf False Pondweed
Stuckenia X suecica	New							3 OBL	3 OBL				[*filiformis X pectinatus*]
Suaeda nigra		4 OBL											Shrubby Seepweed
Succisella inflexa	New				3 FACW				3 FACW				Frosted Pearls

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Suksdorfia violacea						2-FAC							Violet Mock Brookfoam
Symphoricarpos mollis			3-FACU										Creeping Snowberry
Symphoricarpos occidentalis		3-FAC											Western Snowberry
Symphyotrichum bahamense					2-OBL								Island American-Aster
Symphyotrichum ontarionis			2-FAC										Ontario American-Aster
Symphyotrichum squamatum						2-OBL							unknown
Symplocos tinctoria								2-FAC					Horsesugar
Tamarix gallica					4-FAC								French Tamarisk
Taraxacum ceratophorum									3-FAC				Horned Dandelion
Tarenaya hassleriana			4-FACU			3-FAC			3-FACU				Pinkqueen
Taxus brevifolia						2-FACU							Pacific Yew
Tillandsia recurvata							2-UPL			2-UPL			Small Ball-Moss
Tithonia diversifolia			3-FACU			4-FAC							Tree-Marigold
Tolmiea diplomenziesii	New		3-FAC							3-FACW			unknown
Toxicodendron diversilobum			4-FACU										Pacific Poison-Oak
Tradescantia virginiana						3-FAC							Virginia Spiderwort
Trematolobelia auriculata	New						4-FACW						Lanai False Lobelia
Trematolobelia kaalae	New						4-FACW						Wai'anae Mountains False Lobelia
Trematolobelia rockii	New						4-FACW						Molokai False Lobelia
Tribulus cistoides					4-UPL								Jamaican Feverplant
Trichomanes membranaceum		4-FACW											Scale-Edge Bristle Fern
Tridens albescens					3-FAC			3-FAC					White Fluff Grass
Trifolium depauperatum		3-FAC											Balloon Sack Clover
Triglochin scilloides						2-OBL							Flowering-Quillwort
Triodanis perfoliata							4-FACU						Clasping-Leaf Venus'-Looking-Glass
Triphasia trifolia			4-FACU			4-FACU							Limeberry

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Tropaeolum minus	New								3-FACU				Bush-Nasturtium
Tussilago farfara			2-FACU										Colt's-Foot
Typha X provincialis	New		3-OBL			3-OBL		3-OBL		3-OBL			[*domingensis* X *latifolia*]
Ulex europaeus		4-UPL	3-UPL		4-UPL		3-UPL		3-FACU				Common Gorse
Ulmus glabra		4-UPL	3-FACU		4-UPL	3-FACU		3-FACU					Wych Elm
Ulmus serotina						3-FACU							September Elm
Urochloa distachya					3-FACU	3-FAC							Tropical Liverseed Grass
Urochloa mutica										3-FACW			Para Liverseed Grass
Urochloa panicoides					2-FACU								Panic Liverseed Grass
Urochloa plantaginea									3-FAC				Plantain Liverseed Grass
Utricularia cornuta			2-OBL							2-OBL			Horned Bladderwort
Utricularia foliosa					2-OBL								Leafy Bladderwort
Utricularia inflata			2-OBL					2-OBL					Swollen Bladderwort
Utricularia ochroleuca						2-OBL		2-OBL					Dwarf Bladderwort
Utricularia striata			2-OBL			2-OBL							Striped Bladderwort
Vaccinium darrowii					4-FAC								Darrow's Blueberry
Vaccinium formosum									3-FACW				Southern Blueberry
Vaccinium X marianum									3-FACW				[*formosum* X *fuscatum* X *pallidum*]
Vachellia macracantha					4-FACU								Porknut
Valeriana uliginosa					3-OBL			3-OBL					Mountain Valerian
Valerianella chenopodiifolia	New	3-FAC			4-FAC			4-FAC	3-FAC				Goose-Foot Cornsalad
Verbena incompta	New	3-FACW	3-FACU		3-FACW	4-FAC	4-FAC	4-FAC		3-FAC			Brazilian Vervain
Verbena runyonii										2-FACW			Rio Grande Vervain
Verbena scabra								3-FACW					Sandpaper Vervain
Veronica cusickii						2-FAC							Cusick's Speedwell
Viburnum prunifolium										2-FACU			Smooth Blackhaw

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Vigna luteola									3-FACW				Wild Cow-Pea
Viola labradorica			3-FAC										Alpine Violet
Viola langloisii					2-FACW								Langlois' Violet
Viola pedatifida		4-FACU											Crow-Foot Violet
Viola X champlainensis	New				3-FAC				4-FACU				[*affinis* X *septentrionalis*]
Viola X dissita								2-FAC	2-FAC				[*hirsutula* X *palmata*]
Viola X greenmanii	New	3-FAC			4-FACU				3-FAC				[*cucullata* X *palmata*]
Viola X insessa	New								3-FACW				[*cucullata* X *nephrophylla*]
Viola X mistura	New	3-FAC			4-FACU			3-FACU	3-FACU				[*palmata* X *sagittata*]
Viola X napae		2-FAC											[*nephrophylla* X *sororia*]
Viola X subaffinis	New								3-FACW				[*affinis* X *nephrophylla*]
Viola X viarum									2-FACU				[*missouriensis* or *nephrophylla* X *pedatifida*]
Washingtonia robusta		4-FAC					4-FAC						Washington Fan Palm
Wolffia globosa								2-OBL	2-OBL				Asian Watermeal
X Achnella caduca								2-UPL					[*Achnatherum hymenoides* X *Nassella viridula*]
X Leydeum piperi	New		3-FAC							3-FAC			[*Hordeum jubatum* X *Leymus triticoides*]
Xerophyllum tenax			3-FACU			3-FAC					3-FACU		Western Turkeybeard
Xyris chapmanii					3-OBL								Chapman's Yellow-Eyed-Grass
Xyris louisianica					3-OBL								Louisiana Yellow-Eyed-Grass
Youngia japonica								3-FACU	3-FACU				Oriental False Hawk's-Beard
Zeltnera beyrichii			2-FACU										Quininеweed
Zeltnera calycosa										2-FACW			Buckley's Mountain-Pink

Scientific Name	New?	AGCP	AW	CB	EMP	GP	HI	MW	NCNE	WMVC	AK	SPI	Common Name
Ziziphus mauritiana							4-FACU			3-UPL			Indian Jujube
Zostera marina					2-OBL								Seawrack